

What is Claimed is:

1. A method for detecting molecules expressing a selected epitope in a sample comprising:
- (a) immobilizing a molecule expressing a selected epitope in a sample to a selected surface;
 - (b) contacting the surface with an epitope detector so that the epitope detector binds to immobilized molecules on the surface; and
 - (c) detecting any epitope detector bound to the surface, wherein bound epitope detector is indicative of molecules expressing the selected epitope in the sample.
2. The method of claim 1 wherein the molecule expressing a selected epitope is immobilized to the selected surface via binding to an epitope anchor on the surface which is specific for the selected epitope.
3. The method of claim 1 wherein the epitope detector comprises a universal epitope detector which detects a general epitope.
4. The method of claim 1 wherein the detected molecule is post-translationally modified.
5. A system for the detection of molecules expressing a selected epitope comprising:
- (a) a selected surface on which a molecule expressing a selected epitope is or can be immobilized; and
 - (b) an epitope detector comprising a single chain Fv for the selected epitope or a constrained epitope specific CDR either of which have been modified to allow for attachment of oligonucleotides.
6. The system of claim 5, further comprising an epitope anchor for immobilizing the molecule to the

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selected surface, said epitope anchor being specific for the selected epitope.

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7. The system of claim 5 wherein the epitope detector comprises a universal epitope detector which detects a general epitope.

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8. A kit for the detection of molecules expressing a selected epitope comprising an epitope detector comprising a single chain Fv for the selected epitope or a constrained epitope specific CDR.

10 9. The kit of claim 8 further comprising an epitope
anchor specific for the selected epitope.

10. The kit of claim 8 wherein the single chain Fv
or the constrained epitope specific CDR have been modified
15 for attachment of oligonucleotides.

11. The kit of claim 8 wherein the epitope detector comprises a universal epitope detector which detects a general epitope.

[illegible]